pb1103: Factoring when $a = $ prime (v46)

1. Factor the expression $11x^2 + 65x - 6$

$$(11x - 1)(x + 6)$$

2. Factor the expression $5x^2 - 37x + 42$

$$(5x - 7)(x - 6)$$

3. Factor the expression $7x^2 + 44x - 35$

$$(7x - 5)(x + 7)$$

4. Factor the expression $5x^2 + 34x - 7$

$$(5x - 1)(x + 7)$$

5. Factor the expression $3x^2 - 5x - 8$

$$(3x - 8)(x + 1)$$

6. Factor the expression $7x^2 + 10x - 8$

$$(7x - 4)(x + 2)$$

7. Factor the expression $5x^2 - 24x + 27$

$$(5x - 9)(x - 3)$$

8. Factor the expression $11x^2 + 6x - 5$

$$(11x - 5)(x + 1)$$

9. Factor the expression $5x^2 + 6x + 1$

$$(5x + 1)(x + 1)$$

10. Factor the expression $11x^2 - 87x - 8$

$$(11x + 1)(x - 8)$$